

Manufacturer/Supplier:

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Product name: Anti-Mouse CD31 Monoclonal
Antibody(PE/Cyanine7 Conjugated)

Catalog: DL21980F

Synonyms: Pecam, Pecam-1, PECAM-1, CD31

Background: CD31 is a 130-140 kD glycoprotein, also known as platelet endothelial cell adhesion molecule (PECAM-1) and EndoCAM. It is a member of the Ig superfamily, expressed on endothelial cells, platelets, granulocytes, monocytes/macrophages, dendritic cells, and T and B cell subsets, and is critical for cell-cell interactions. The primary ligands for CD31 have been reported to be CD38 and the vitronectin receptor (α β 3 integrin, CD51/CD61). Other reported functions of CD31 are neutrophil emigration to sites of inflammation and angiogenesis.

Form: Liquid

Isotype: Rat IgG2a, κ

Size:

Host: Rat

50Tests/100Tests/100Tests \times 2

Reactivity: Mouse

Application: FCM

Concentration: 5 μ L

Conjugation: PE/Cyanine7

SwissProt: Q08481

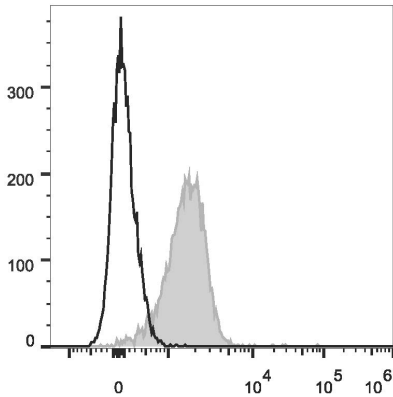
Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data:

C57BL/6 murine splenocytes are stained with Anti-Mouse CD31 Monoclonal Antibody(PE/Cyanine7 Conjugated)(filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.



Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.